Detailed and Complete Listing of Claims:

1. (Currently Amended) A telephone communication system comprising:

a public network,

an internet service provider (ISP) network, and

a plurality of telephone sets accommodated in the public network,

wherein ~~when~~ a calling telephone set, which is a subscriber to the ~~internet service provider~~ ISP network, provides connection point data specific to said ISP network for making internet service telephone communication to a called telephone set, said connection point data provided by using ~~via~~ the public network, the called telephone set receiving the connection point data from the public network and connecting ~~connects~~ itself to the ~~internet service provider~~ ISP network according to the connection point data, and the calling telephone set ~~connects~~ connecting itself to the ~~internet service provider~~ ISP network, wherein said called and calling party are connected for making said internet service telephone communication using the same ISP network.

2. (Currently Amended) A telephone communication system comprising:

a public network,

an internet service provider (ISP) network, and

a plurality of telephone sets accommodated in the public network,

wherein ~~when~~ a calling telephone set, which is a subscriber to the ~~internet service provider~~ ISP network, provides connection point data specific to said ISP network for making internet service telephone communication to a called telephone set, said connection point data provided by using ~~via~~ the public network, the called telephone set receiving the connection point data from the public network and connecting ~~connects~~ itself to the ~~internet service provider~~ ISP network according to the connection point data, and the calling telephone set ~~connects~~ connecting itself to the ~~internet service provider~~ ISP network, the connection point data including ~~at least~~ an IP address in the ~~internet service provider~~ ISP network and a telephone number of a point to be connected to the ~~internet service provider~~ ISP network, wherein said called and calling party are connected for making said internet service telephone communication using the same ISP network.

3. (Currently Amended) A telephone communication system comprising:

    a public network,

    an internet service provider network, and

    a plurality of telephone sets accommodated in the public network,

    wherein ~~when~~ a calling telephone set, which is a subscriber to the ~~internet service provider~~ ISP network, provides connection point data <u>specific to said ISP network</u> for making internet service telephone communication to a called telephone set<u>, said connection point data provided by using</u> ~~via~~ the public network, the called telephone set receiving the connection point data <u>from the public network and connecting</u> ~~connects~~ itself to the ~~internet service provider~~ ISP network according to the connection point data, and the calling telephone set ~~connects~~ <u>connecting</u> itself to the ~~internet service provider~~ ISP network<u>,</u> the connection point data including ~~at least~~ an IP address in the ~~internet service provider~~ ISP network and a telephone number of a point to be connected to the ~~internet service provider~~ ISP network<u>,</u> a push-button telephone set having various function keys being provided between each of the plurality of telephone sets and the public network with a function of sending out a call from each telephone set<u>, wherein said called and calling party are connected for making said internet service telephone communication using the same ISP network</u>.

4. (Previously Amended) The telephone communication system according to claim 1, wherein functions of each telephone set are executed on a personal computer.

5. (Previously Amended) The telephone communication system according to claim 1, wherein functions of each telephone set are executed with an IVR (interactive voice response) unit or a facsimile data server or a voice recognition dialer or a voice mail.

6. (Currently Amended) The telephone communication system according to claim 1, wherein each telephone set comprises:

    a ten-key unit having dial keys and a function key for indicating an internet telephone service;

    a display unit for displaying a call arrival notification and results of various processes in the telephone set;

    an accumulating unit for storing telephone number data and access identifier data of internet connection points to be connected by the calling and called sides;

a voice codec to be started by a command for voice communication in the ~~internet service provider~~ ISP network; and

a telephone set control unit for detecting depressed push-buttons in the ten-key unit, obtaining the connection point data from the accumulating unit, sending out dial data and connection point data via the public network, starting the voice codec when the dialed side ·has been connected to the ~~internet service provider~~ ISP network and, upon arrival of a call, retrieving ~~for~~ the connection point data of the calling side, effecting connection to the ~~internet service~~ ISP provider network by retrieving and referring to the accumulating unit according to the connection point data, and informing the calling side of the connection.

7. (Previously Amended) The telephone communication system according to claim 1, wherein each telephone set further comprises an encryption unit for permitting exchange of connection point data in terms of ciphers.

8. (Currently Amended) An internet communication method comprising steps of:

providing, by a calling telephone set that is a subscriber to an internet service provider (ISP) network, connection point data, specific to said ISP, for making internet service telephone communication to a called telephone set, said connection point data being transmitted using ~~via~~ a public network,

the called telephone set receiving the connection point data from the public network and connecting to the ~~internet service provider~~ ISP network on the basis of the connection point data, and

the calling telephone set connecting to the ~~internet service provider~~ ISP network; wherein said called and calling party are connected for making said internet service telephone communication using the same ISP network.

9. (Currently Amended) An internet communication method comprising steps of:

providing , by a calling telephone set that is a subscriber to an internet service provider (ISP) network, connection point data for making internet service telephone communication to a called telephone set, said connection point data being specific to said ISP and being transmitted using ~~via~~ a public network,

the called telephone set receiving the connection point data from the public network and connecting to the ~~internet service provider~~ ISP network on the basis of the connection point data, and

the calling telephone set connecting to the ~~internet service provider~~ ISP network,

the connection point data including ~~at least~~ an IP address in the ~~internet service provider~~ ISP network and a telephone number of a point to be connected to the ~~internet service provider~~ ISP network,

wherein said called and calling party are connected for making said internet service telephone communication using the same ISP network.

10. (Currently Amended) An internet communication method comprising steps of:

providing, by a calling telephone set that is a subscriber to an internet service provider (ISP) network, connection point data for making internet service telephone communication to a called telephone set, said connection point data being specific to said ISP and being transmitted using ~~via~~ a public network,

the called telephone set receiving the connection point data from the public network and connecting to the ~~internet service provider~~ ISP network on the basis of the connection point data, and

the calling telephone set connecting to the ~~internet service provider~~ ISP network,

the connection point data including ~~at least~~ an IP address in the ~~internet service provider~~ ISP network and a telephone number of a point to be connected to the ~~internet service provider~~ ISP network, and

a push-button telephone set having various function keys being provided between each of the plurality of telephone sets and the public network with a function of sending out a call from each telephone set

wherein said called and calling party are connected for making said internet service telephone communication using the same ISP network.

11. (Currently Amended) The telephone communication system according to claim 2, wherein functions of each telephone set are executed on a personal computer.

12. (Currently Amended) The telephone communication system according to claim 3, wherein functions of each telephone set are executed on a personal computer.

13. (Currently Amended) The telephone communication system according to claim 2, wherein functions of each telephone set are executed with an IVR (interactive voice response) unit or a facsimile data server or a voice recognition dialer or a voice mail.

14. (Currently Amended) The telephone communication system according to claim 3, wherein functions of each telephone set are executed with an IVR (interactive voice response) unit or a facsimile data server or a voice recognition dialer or a voice mail.

15. (Currently Amended) The telephone communication system according to claim 2, wherein each telephone set comprises:

a ten-key unit having dial keys and a function key for indicating an internet telephone service;

a display unit for displaying a call arrival notification and results of various processes in the telephone set;

an accumulating unit for storing telephone number data and access identifier data of internet connection points to be connected by the calling and called sides;

a voice codec to be started by a command for voice communication in the ~~internet service provider~~ ISP network; and

a telephone set control unit for detecting depressed push-buttons in the ten-key unit, obtaining the connection point data from the accumulating unit, sending out dial data and connection point data via the public network, starting the voice codec when the dialed side has been connected to the ~~internet service provider~~ ISP network and, upon arrival of a call, retrieving ~~for~~ the connection point data of the calling side, effecting connection ~~of the own side~~ to the ~~internet service provider~~ ISP network by retrieving and referring to the accumulating unit according to the connection point data, and informing the calling side of the connection.

16. (Currently Amended) The telephone communication system according to claim 3, wherein each telephone set comprises:

a ten-key unit having dial keys and a function key for indicating an internet telephone service;

a display unit for displaying a call arrival notification and results of various processes in the telephone set;

an accumulating unit for storing telephone number data and access identifier data of internet connection points to be connected by the calling and called sides;

a voice codec to be started by a command for voice communication in the ~~internet service provider~~ ISP network; and

a telephone set control unit for detecting depressed push-buttons in the ten-key unit, obtaining the connection point data from the accumulating unit, sending out dial data and connection point data via the public network, starting the voice codec when the dialed side has been connected to the ~~internet service provider~~ ISP network and, upon arrival of a call, retrieving ~~for~~ the connection point data of the calling side, effecting connection ~~of the own~~ ~~side~~ to the ~~internet service provider~~ ISP network by retrieving and referring to the accumulating unit according to the connection point data, and informing the calling side of the connection.

17. (Previously Added) The telephone communication system according to claim 2, wherein each telephone set further comprises an encryption unit for permitting exchange of connection point data in terms of ciphers.

18. (Previously Added) The telephone communication system according to claim 3, wherein each telephone set further comprises an encryption unit for permitting exchange of connection point data in terms of ciphers.